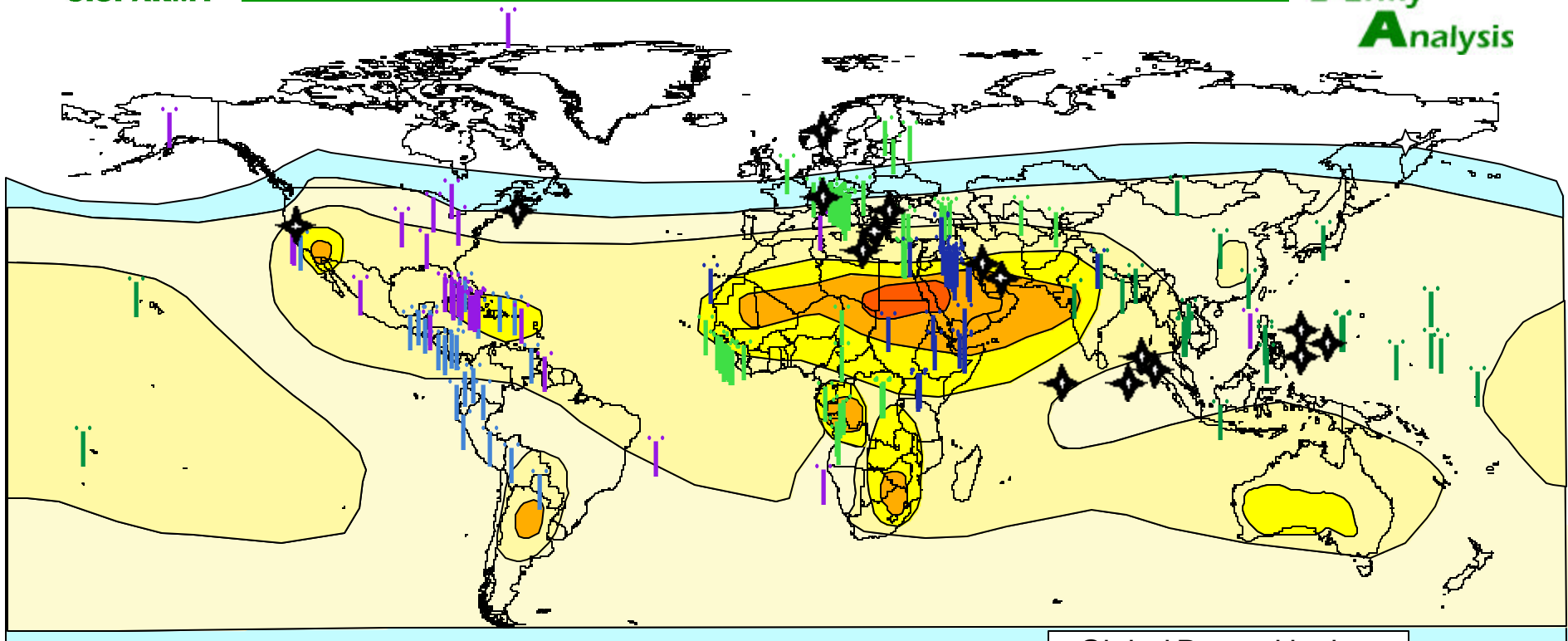


# U.S. Military Deployments 1989-1999

U.S. ARMY

Center for  
Army  
Analysis

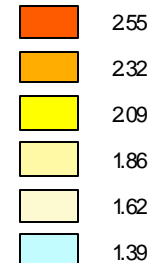


**Average Annual Solar  
Radiation  
(Tera Watt Hrs. per Yr. Per  
Sq. Km.)**

## Deployments

- ACOM
- CENTCOM
- EUJCOM
- PACOM
- SOUTHCOM

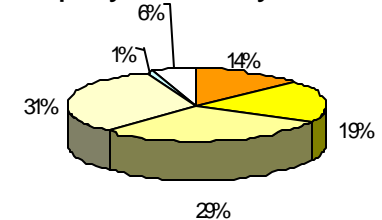
## World Radiation



## Global Prepositioning

◆ (includes afloat)

## Deployments by Solar Band





U.S. ARMY

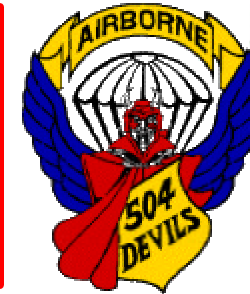
# 4 Case Studies for Army PV Investment Analysis

Center for  
Army  
Analysis

## Case Study No 1.

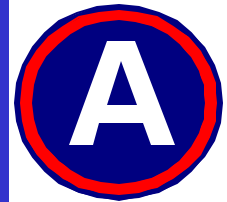
1998-1999: Develop and demonstrate a methodology to identify and analyze PV costs & benefits.

Demonstration of PV for a Light Infantry Battalion Tactical Operations Center at Ft. Bragg, NC in April '99 provided 80% of required power. ( 20% from generator )



## Case Study No 2.

2000 -2001: PV for heavier Army missions in remote desert areas: 200kW and above.  
(Ft. McPherson)



**Case Study No 3.** PV for Kosovo.  
2000-2001: Four, 3kW PV units are being built for shipment to Kosovo. 1st BN, 187th Regiment, 101st Air Assault will employ them for various security missions in the field.

